

# Is your pool draining your wallet?



## Pool Stats

**Location:** Sunbow  
Chula Vista (91911)  
**Pool Size:** 23,619 gallons

## Comparisons:

**Old Pump:** Single Speed  
**New Pump:** Variable Speed

### HORSEPOWER

**Old Pump:** 2 HP  
**New Pump:** 3 HP (max)

### WATTS

**Old Pump:** 2,280W  
**New Pump:** Filtering 160W  
Cleaning 752W

### ELECTRICITY

**Old Pump:** 144 kWh/month  
**New Pump:** 77 kWh/month

### FLOW

**Old Pump:** 120 GPM  
**New Pump:** Filtering 65 GPM  
Cleaning 110 GPM

### HOURS/DAY

**Old Pump:** 6 hours  
**New Pump:** Filtering 6.5 hours  
Cleaning 2 hours

### MONTHLY COST

**Old Pump:** \$99.81  
**New Pump:** \$18.56

**MONTHLY SAVINGS:** \$81.25

**Installation Contractor:**  
Eastlake Pools\*, Chula Vista, CA

[www.chulavistaca.gov/goto/hucd](http://www.chulavistaca.gov/goto/hucd)

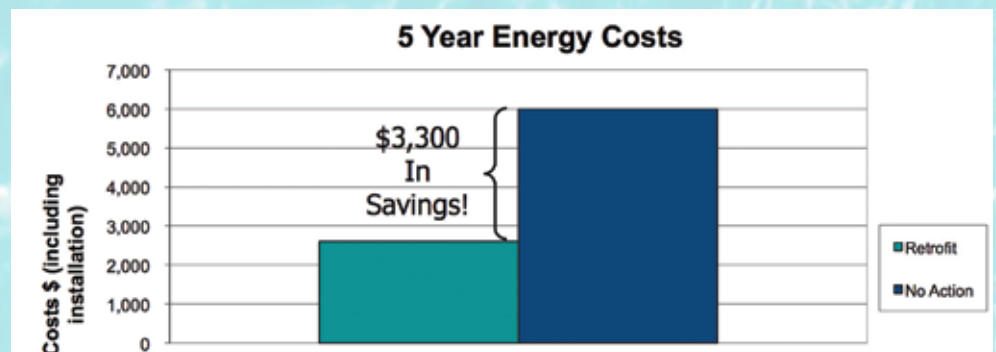
\*The City of Chula Vista and Clean Tech San Diego do not provide endorsements for any companies or their services.



## Case Study: the Lukasik Family

The Lukasiks loved their pool but didn't love paying the high electric bill that came with it every month. After speaking with a trained and licensed pool service contractor, they found out they could upgrade their 2-horsepower single speed pool pump to a variable speed pump that runs longer but at significantly lower power. Since the new pump was installed, it is saving more than \$80 per month when compared to the old pump, and the timer has been re-programmed so the cleaning cycle does not run between the peak demand hours of 11 a.m. and 6 p.m. They have also found that their new pump has improved the pool's water quality and is much quieter!

The Lukasik Family and their contractor took advantage of SDG&E's \$200 rebate which lowered the net installation cost to \$1,500 - and with the energy savings the new system provides, their up front investment will be paid back in less than two years! They also talked with their contractor about future cost savings and learned that their \$1,500 investment will save them more than \$3,300 on their energy bills over the next five years.





## DID YOU KNOW THAT THE LARGEST ENERGY USER IN YOUR HOME MIGHT BE YOUR POOL PUMP?

Figures below are annual estimations:

- Clothes Washer: 110 kWh
- Central A/C: 439 kWh
- Television: 620 kWh
- Refrigerator: 725 kWh
- Water Heater: 2,149 kWh
- **Pool Filter Pump: 3,794 kWh**

Source: 2010 CEC CA Residential Appliance Saturation Survey

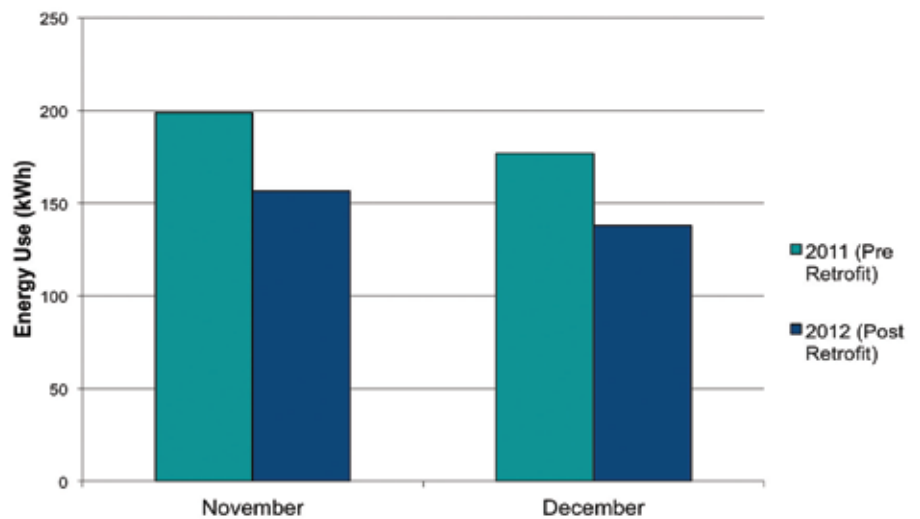
# Reduce your pool pump's electricity use by up to 70%!

## Convert to a variable speed model.

Upgrade your pump and reduce your bills! Variable speed pumps run at lower speeds and use up to 70% less energy during hot summer months. ***This means you can keep your pool clean and your energy bills low!*** The chart below shows one day's energy use before and after a pool pump retrofit.

"Not only are we saving energy and lowering our electricity bills, but the new pump operates much quieter and the water is even cleaner." - Mark Lukasik, Home Owner

Year to Year Energy use



The energy savings will pay for the cost to upgrade in less than two years! If you have a pool, contact a licensed contractor and learn how retrofitting your pump will start saving you money today!

**To learn more about rebates or to schedule a free home energy evaluation, visit [www.chulavistaca.gov/goto/hucd](http://www.chulavistaca.gov/goto/hucd) or call (619) 409-3893.**



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